

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract with the following:

~~The invention relates to a~~ A contactless system for measuring centricity and diameter, comprising ~~i) an optical measuring device (13, 13', 14, 14') for determining the external diameter and the position of a cable (3) on an optical, perpendicular plane that runs transversally to the central axis Z of a measuring device (2), whereby said cable (3) has a conductor (4) and a jacket (5) that insulates said conductor and is pulled through the measuring device (2) along the central axis Z, ii) an inductive measuring coil device (1) for determining the position of the conductor (3) on an inductive measuring plane, which is likewise perpendicular and runs transversally to the central axis Z of the measuring device (2), and iii) means, which correlate the position of the cable (3), determined by the optical measuring device (1) with the position of the conductor (4), calculated by the inductive measuring coil device (1) and which calculate the centricity of the conductor (4) in the jacket (5) from said correlation. Said measuring system is characterised in that the measuring coils of the measuring device (1) are arranged in pairs or halves in relation to the optical measuring plane and that the field intensity is determined upstream and downstream of the measuring plane, whereby the field intensities are correlated in such a way that the field intensity on an active inductive measuring plane is obtained.~~